

Pavetuf

ResiPour



ResiPour

Guide to the Use & Installation

ResiPour

ResiPour resin is a water based UV Stable Resin designed for bonding and stabilizing loose garden stone and decorative aggregates. ResiPour is a versatile resin suitable for domestic garden use in borders, steps, features, and outside living areas. It can be applied over existing, or new, loose garden decorative aggregates to keep it held in place.

For light foot traffic areas the aggregate can be mixed with ResiPour and applied as a stone screed to create a more durable surface finish.

As ResiPour is water based it will allow surface water to flow through making it suitable for use on decorative aggregates in the top of flower pots and flower borders.

Benefits

- Simple and easy to apply
- UV stable
- Water based
- Minimises maintenance of loose garden stone and decorative aggregate

Methods of Application

1. Spray on - The spray on method allows an easy and quick application by filling a standard pump action pressure sprayer to evenly apply over non foot traffic areas giving a greater coverage per litre.

This method is best used for areas where decorative aggregate just needs to be held in place as the spray method is unable to penetrate deep into the aggregate surface. Landscapes, edgings, and borders are the perfect choice to stop unwanted loose aggregate creating a mess.

2. Pour On Method - The pour on method is simply applied by filling a standard watering can with a fine hole rose head for decorative aggregate areas with no foot traffic.

This method is the easiest to apply and is perfect for landscapes, steps, features, borders, flower beds and flowerpots.

3. Stone and ResiPour Mix - Mixing ResiPour with 4-8mm decorative aggregate creates a stronger bond for use on footpaths, patios and other light pedestrian areas giving a more robust finish.

Applying the mixed ResiPour and decorative aggregate with a trowel allows a smoother and durable finish. Please note that garden furniture with a high point load can dislodge the decorative aggregate.

Recommendations for all applications

- Substrate bases should be designed for the desired use of the area. For decorative use with no foot traffic no pre prepared base is necessary and the decorative aggregate and ResiPour can be applied straight over the existing substrate base. For areas receiving foot traffic a well compacted hardcore, concrete, asphalt or sound paving substrate can be used.
- Always test a small inconspicuous area before proceeding to ensure the finished result is satisfactory.
- When applying in flower beds, flower pots and around plants always leave enough room for the plant to grown and avoid coating foliage. Once the treated area has cured then loose aggregate can be used to fill in around the plant.
- The conditions and surfaces need to be dry when ResiPour is applied. Application should only be attempted on days when no rain is forecast, and the temperature is between 5°C (and rising) and 25°C with a maximum of 80% humidity.
- Existing and new decorative aggregate should be clean, dry and free from debris, oil, grease and loose friable particles which could affect the adhesion. Recommended depth of decorative aggregate is 10-40mm thick (see each application method for full details).
- Cover over any areas surrounding the section to be treated with plastic sheeting to avoid over spray.
- Always shake the container before use.



Application

Application Methods:	Spray On	Pour On	Stone & ResiPour Mix
Boarders & Edgings	✓	✓	✓
Flower Boarder & Pots	✓	✓	✓
Features & Steps		✓	✓
Footpaths			✓
Patios			✓

Substrate Base Requirements:	Soil	Hardcore	Concrete, Asphalt or Sound Paving
Boarders & Edgings	✓	✓	✓
Flower Boarder & Pots	✓	✓	✓
Features & Steps		✓	✓
Footpaths		✓	✓
Patios		✓	✓

1. Spray On Method

Level the area to the desired final texture. Any troughs, peaks or footprints will show on the final surface once treated.

Pour the resin into a measured pump action pressure sprayer.

Apply the first coat in a consistent and even layer and leave for 24 hours. A trowel can be used to smooth the area if this is the preferred finishing texture. Do not over saturate the surface as this will delay the drying time and may not bond the loose decorative aggregate. Protect the surface from any potential moisture.

Apply the second coat after 24 hours of the first in a consistent and even layer.

Stone Size: 4mm to 20mm

Stone Depth: 10mm to 40mm

Coverage: 0.5 litre per m²

Coats Required: 1-2

2. Pour On Method

Level the area to the desired final texture. Any troughs, peaks or footprints will show on the final surface once treated.

Pour the resin into a measured watering can with a fine rose head. Do not use a rose head with large holes as this will affect the application by oversaturating the area and use more ResiPour than is required.

Apply the first coat in a consistent and even layer and leave for 24 hours. A trowel can be used to smooth the area if this is the preferred finishing texture. Do not over saturate the surface as this will delay the drying time and may not bond the loose decorative aggregate. Protect the surface from any potential moisture.

Apply the second coat after 24 hours of the first in a consistent and even layer.

Stone Size: 4mm to 20mm

Stone Depth: 10mm to 40mm

Coverage: 1 litre per m²

Coats Required: 1-2

3. Stone and ResiPour Mix

Ensure the substrate base is designed and prepared for the use of the area.

Mix the decorative aggregate in a suitable mechanical mixer or a large builders mixing bucket using a paddle mixer in a ratio of 1 part ResiPour to 10 parts decorative aggregate. One 5 litre of ResiPour would require 50kg of decorative aggregate. Ensure that all the decorative aggregate is thoroughly coated with ResiPour prior to application.

The mixed material should be spread evenly across the surface at the required depth using a straight bladed squeegee. The surface should then be hand trowelled to a smooth, level compacted finish to ensure maximum adhesion. The more compacted the surface is the stronger the surface will be.

At 16 degree temperature the stone mix for footpaths will require 72 hours to dry fully and should be left a total of 5-7 days before allowing foot traffic. Greater thicknesses and lower temperatures will be longer.

Once cured a light surface mist of ResiPour can be applied to the whole area for additional strength if required.

Stone Size: 4mm to 8mm

Stone Depth: 18mm to 30mm

Mixing Ratio: 1 part ResiPour to 10 parts decorative aggregate.

For the best results use a decorative aggregate that are washed, dried and graded for size.

Reminders

- ResiPour is not resistant to rain until fully dry. Avoid application if there is a risk of rain, fog or condensation.
- Application temperature +5°C to 25°C, maximum 80% relative humidity surface temperature above 5°C and must be 3°C above the dew point temperature.
- Full curing time 5-7 days.
- Once cured safe for children, pets and animals.

Technical Data

Product	Water-based resin added to existing loose decorative stone
Density	1.06 +/- g/cm ³
Viscosity	<100cP (Brookfield spindle 2 / 100RPM)
Application atmospheric conditions	+5°C to 25°C, maximum 80% relative humidity
Surface temperature	Above 5°C and must be 3°C above the dew point temperature
Material consumption	0.5 to 1 litre per m ² (application method 1 and 2)
Coat requirements	Foot Traffic: One mix required in a ratio of 1 part ResiPour to 10 parts 4-8mm decorative aggregate
Drying time between coats	24 hours per coat (protect from rain during this period to avoid dilution)
Full chemical cure	5 - 7 days
Application method	Pour on - using measured watering can (with rose head attachment) Spray on - using an airless garden sprayer Stone and ResiPour mix - mechanical mixer or a large builders mixing bucket using a paddle mixer and hand trowelled
Packaging	5 Litre
Storage	12 months in original unopened containers in a clean dry area protected from direct sunlight and extreme heat and cold.

Cleaning Equipment

Clean tools and equipment with water after use.

Health & Safety

Hand Protection - Wear appropriate gloves.

Eye Protection - Wear protective goggles where appropriate.

Foot Protection - Wear appropriate safety boots.

Clothing - Wear appropriate protective clothing.

Before use, please read the safety data sheet available at www.pavetuf.com

Please dispose of packaging and waste products in line with current environmental legislation.

NOTE: Pavetuf ResiPour, if used in accordance with the instructions provided, should produce results as described. Talasey Ltd does not offer nor imply any guarantees. It is your responsibility to ensure that you comply with all applicable health and safety legislation and guidelines.

www.pavetuf.com

For further information or technical advice call

0330 333 8030

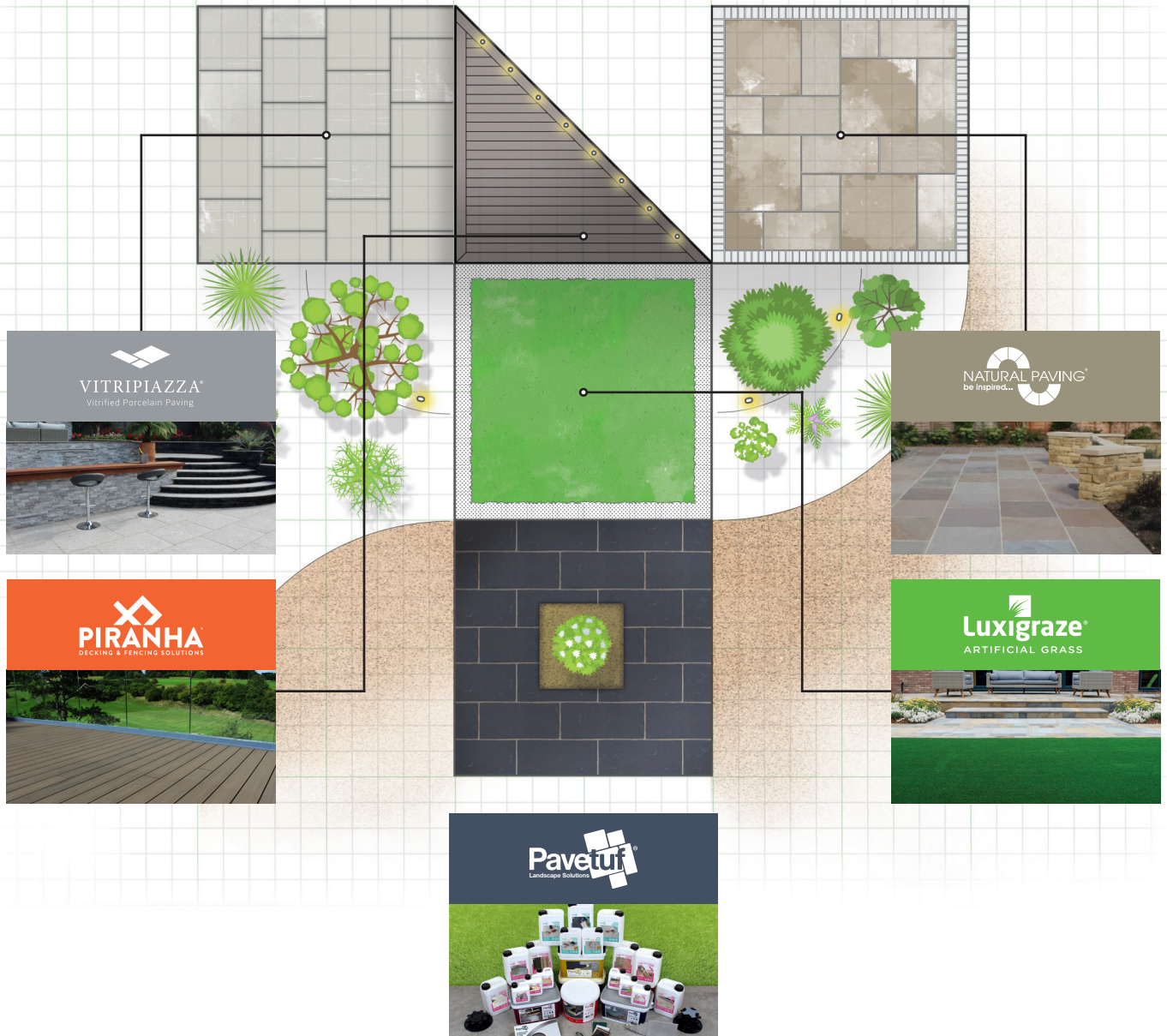
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